

**What is claimed is:**

- 1           1.    A method of repositioning display spacers using  
2   inductive attraction, comprising:  
3           providing spacers susceptible to inductive  
4   attraction;  
5           providing an inductive chuck to attract the  
6   spacers;  
7           providing a substrate;  
8           using the inductive chuck to position the spacers  
9   in desired positions on the substrate.
- 1           2.    The method as claimed in claim 1, wherein the  
2   spacers are spacers of a field emission display.
- 1           3.    The method as claimed in claim 1, wherein the  
2   inductive attraction comprises non-contact forces (force  
3   at a distance).
- 1           4.    The method as claimed in claim 1, wherein the  
2   inductive attraction comprises magnetic forces.
- 1           5.    The method as claimed in claim 4, wherein the  
2   magnetic forces generate magnetic forces through natural  
3   magnets, artificial magnets, electromagnetic systems, or  
4   a combination thereof.
- 1           6.    The method as claimed in claim 4, wherein the  
2   spacers are made of magnetic materials.

1           7.    The method as claimed in claim 4, wherein the  
2    spacers have magnetic materials deposited thereon.

1           8.    The method as claimed in claim 4, wherein the  
2    spacers have magnetic materials attached thereto.

1           9.    The method as claimed in claim 5, wherein the  
2    spacers have two or more layers, at least one of which is  
3    made of magnetic materials.

1           10.   The method as claimed in claim 1, wherein the  
2    inductive attraction comprises electrostatic forces.

1           11.   The method as claimed in claim 10, wherein the  
2    spacers are made of electrostatic materials.

1           12.   The method as claimed in claim 10, wherein the  
2    spacers have electrostatic materials attached thereto.

1           13.   The method as claimed in claim 10, wherein the  
2    spacers have two or more layers, at least one of which is  
3    made of electrostatic materials.

1           14.   The method as claimed in claim 10, wherein the  
2    spacers are made of metal, alloy, dielectric, ceramic, or  
3    glass materials, or a combination thereof.

1           15.   The method as claimed in claim 1, wherein the  
2    spacers are cylindrical, X-, I-, L-, or bar-shaped or a  
3    combination thereof.

1           16.   The method as claimed in claim 1, wherein the  
2    shapes of spacers have two or more cross points,

3 comprising comb, lattice, grid, or zig-zag shapes or a  
4 combination thereof.

1 17. The method as claimed in claim 1, wherein the  
2 substrate is the anode plate of a flat panel display.

1 18. The method as claimed in claim 1, wherein the  
2 substrate is the anode plate of a field emission display.

1 19. The method as claimed in claim 1, wherein the  
2 substrate is the cathode plate of a flat panel display.

1 20. The method as claimed in claim 1, wherein the  
2 substrate is the cathode plate of a field emission  
3 display.

1 21. The method as claimed in claim 1, further  
2 comprising using an alignment step when locating the  
3 spacer onto a desired position on the substrate.

1 22. The method as claimed in claim 21, wherein the  
2 alignment step comprises use of Charge-Coupled Device  
3 (CCD) and alignment marks.